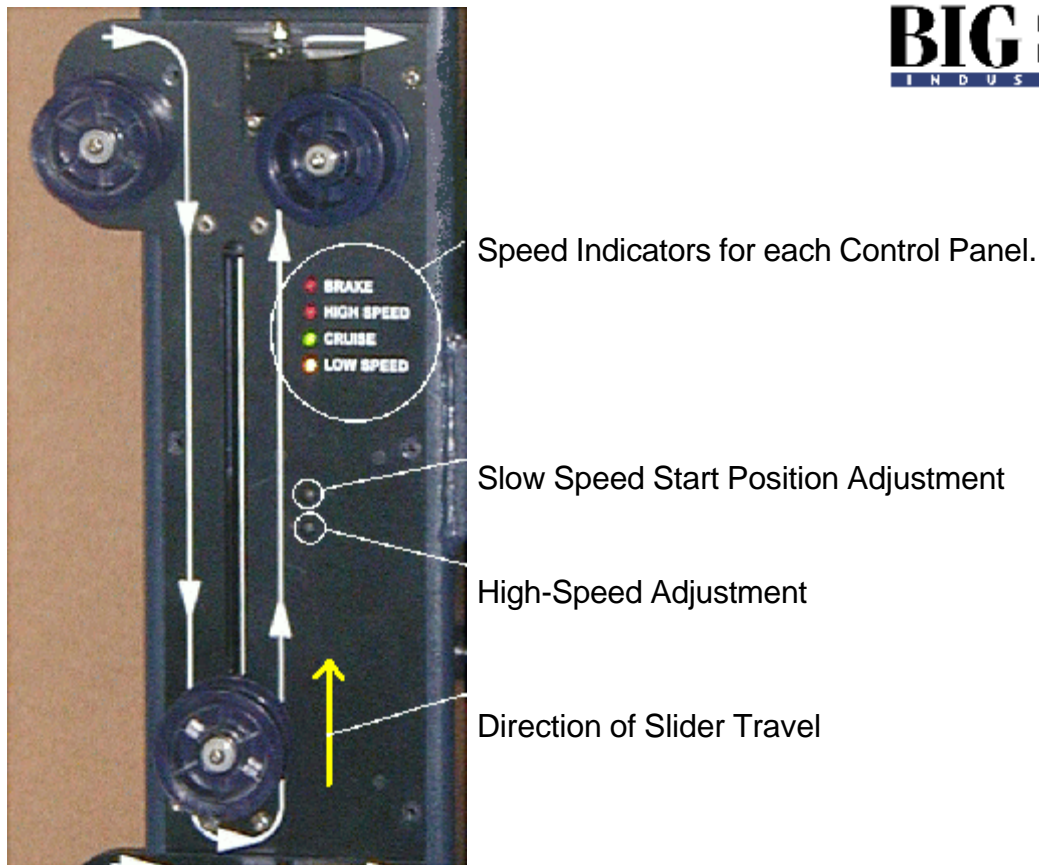


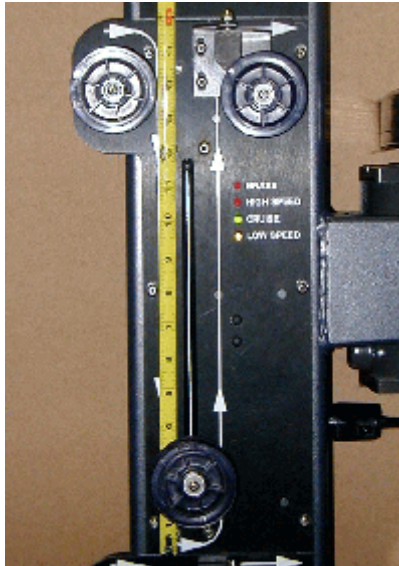
Platter Control Panel & Pay-Out Adjustments and Procedure



Setting up the P3350 Platter is a simple process of setting speeds and activation positions in a specific order for each deck. The adjustments are performed at the factory, and should not need to be re-set. In the case that a deck needs to have the speeds and/or positions re-set, the following procedure is to be followed exactly.

The image above shows all the indicators, adjustments, and motion of the slider. Remember that the slider position controls platter operation. The proper procedure is to first set the “Slow speed Start” position, then the “High Speed” adjustment, and then to adjust the Pay-Out Head.

With the slider at rest (bottom of travel), the control is transferred to the pay-out head and sprocketed roller, and the deck is in pay-out mode. Once the slider assembly is lifted from its rest position, the slider will now control deck speed. As the slider position is raised, the motor speed will decrease from High speed to creep, and finally a braking position. For clarity and exact adjustment positions, use a ruler or tape measure as shown to correctly position the slider when making speed and position adjustments.



This image shows a single control plate with a ruler positioned at the bottom of the plate. This will serve as a reference for all positions to make adjustments.



The first adjustment is to set the position where the motor stops turning as the slider is raised toward the top of its travel. The image at the left shows the top of the roller 9 1/4" from the bottom of the plate. At this position, the motor will just stop turning from the slowest speed possible. Adjust the "Slow Speed Start Position" adjustment by removing the plastic cover, and adjusting the multi-turn potentiometer until the described motor movement happens. If the platter is badly out of adjustment, this may take several turns. When the slider is raised approximately 1/4" past this measurement, the BRAKE should engage, and the red BRAKE LED will light. This is a proper adjustment. The 1/4" gap needs to be present so there is a small space of no deck movement before the brake is applied. When the adjustment is made, replace the plastic cap.



This image shows the slider raised to the **HIGH SPEED** position. Note from the image that the top of the roller is 4 1/4" from the bottom of the plate. The top of the roller is also the same height as the bottom of the film direction arrow on the plate. When the roller is first raised to this position from rest, **THERE IS A DELAY OF 6-8 SECONDS BEFORE THE MOTOR WILL SWITCH TO HIGH SPEED.** Once the RED High speed LED lights, and/or the motor speed increases, adjust the High speed potentiometer CCW for highest motor speed. Only adjust the potentiometer if the motor continues to increase in speed. Do not continue to adjust the potentiometer once the motor speed stays constant. Reverse the adjustment until the motor slows, then reset the adjustment so that the motor just reaches maximum speed. The cover is then replaced.

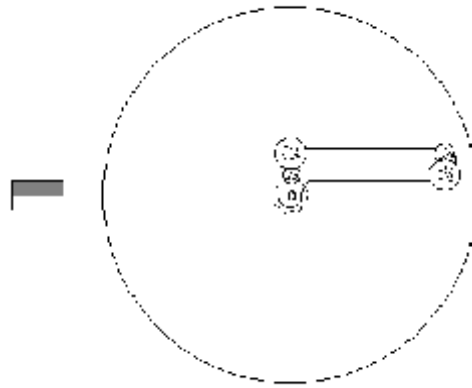
The Control Unit adjustments are now set, and are not to be re-set during any further Platter adjustments.

Pay-Out Head Adjustments:

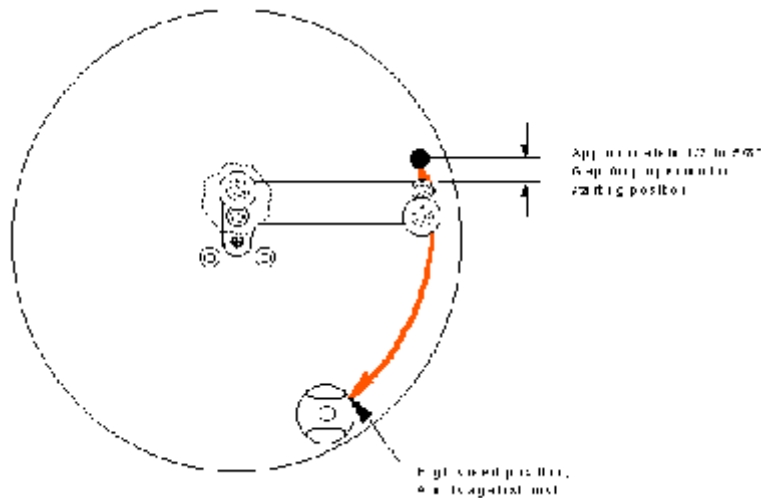
For all platters s/n 1408-0702 and later, along with platters retro-fitted with the new Pay-Out Head sensor assembly, the following procedure is to be followed.

Sensor calibration and adjustment:

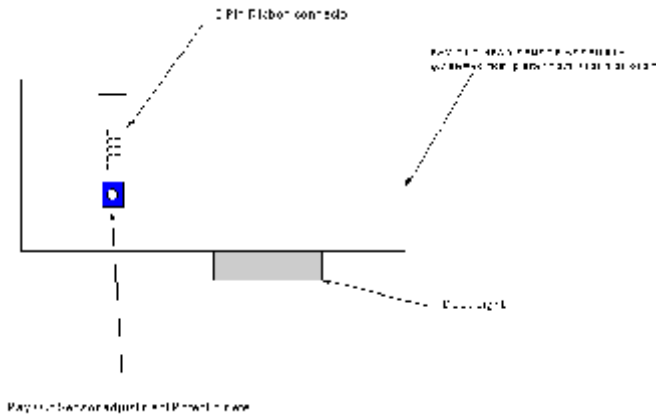
It is important to first set the Pay-Out head gradient target to a correct position. As shown in diagram below, rotate the gradient puck so that the seam between solid black and solid white is directly opposite to the Pay out arm. This is quite important for smooth operation and platter speed.



Insert the pay-Out into the deck, plug in the platter, and turn the platter on. As shown in the diagram below, position the pay-out arm as shown, and hold in place.



Spin the sprocketed roller, and adjust the new Pay-Out sensor adjustment until the corresponding deck motor just starts to turn. Adjustment location is on the bottom of the arm of the deck being adjusted, as shown on the diagram.



While keeping the sprocketed roller turning, swing the pay-out arm to full speed position, and make sure the motor is running at high speed. Re-check motor starting position by swinging the arm CCW, making sure the starting position remains to the right of the alignment hole. If there is not enough high speed, only slightly re-adjust the Pay-Out sensor for more speed, making sure the start position remains as noted. **DO NOT ALTER ANY ADJUSTMENTS ON THE CONTROL PLATE IF THIS PROCEDURE DOES NOT YIELD SATISFACTORY RESULTS.**

Repeat this procedure on all three (3) decks, and then the platter is ready for use.

Please contact BIG SKY if you having any further problems.

A Pay-Out Head Calibration kit is available, p/n P1377. contact BIG SKY for details.